

CLAIMS

1. System for remote management of at least one audiovisual information reproduction device comprising a host server (10) connected to telecommunication means of each audiovisual information reproduction device (100.1 to 100.n), the host server (10) comprising storage means (13) capable of storing a database (11) containing management information for each audiovisual information reproduction device (100.1 to 100.n, fig. 1), the set of available musical selections, the set of possible configurations for each audiovisual information reproduction device (100.1 to 100.n, fig. 1), characterized in that the host server (10) also comprises an "Internet" site manager (12) communicating with the database (11), the "Internet" site being accessible by an operator responsible for the management of at least one audiovisual information reproduction device (100.1 to 100.n, fig. 1), and comprising a number of screens (200 to 1010), at least one first screen (200) comprising a popup menu displaying the list of audiovisual information reproduction systems (100.1 to 100.n) installed locally for which usage information is available, the choice of at least one audiovisual information reproduction device (100.1 to 100.n, fig. 1) being validated causing the display of a first series of screens (900, 1010) that the operator can use to modify the operating parameters of each selected audiovisual information reproduction device (100.1 to 100.n, fig. 1) and/or a second series of screens (500 to 800) that the operator can use to order at least one song for downloading on the audiovisual information reproduction systems (100.1 to 100.n, fig. 1) from a chosen list of devices (100.1 to 100.n, fig. 1) or to delete at least one song, and/or a third series of screens displaying information about the use of an

audiovisual information reproduction device (100.1 to 100.n, fig. 1).

2. System for remote management of at least one
5 audiovisual information reproduction device according to
claim 1, characterized in that the "Internet" site
manager (12) collects information about the operation of
each audiovisual information reproduction device (100.1
10 to 100.n, fig. 1) displayed on each screen, and the list
of available songs, in the database (11).

3. System for remote management of at least one
audiovisual information reproduction device according to
claim 1 ~~or 2~~, characterized in that modifications made by
15 the operator in the first and/or second series of screens
are stored in a file and are translated into the language
of the database (11) to update the data modified in these
series of screens and update each audiovisual information
reproduction device (100.1 to 100.n, fig. 1) concerned by
20 the modifications as soon as a communication is set up
between the host server (10) and each audiovisual
information reproduction device (100.1 to 100.n, fig. 1).

4. System for remote management of at least one
25 audiovisual information reproduction device according to
~~claim 1~~
~~one of claims 1 to 3~~, characterized in that the
"Internet" site manager (12) comprises means (400) of
authentication of the operator designed to limit the
operator's access to the audiovisual information
30 reproduction devices (100.1 to 100.n, fig. 1) that he
manages.

5. System for remote management of at least one
audiovisual information reproduction device according to
35 ~~claim 1~~
~~one of claims 1 to 4~~, characterized in that the screens
in the first and second series of screens comprise a

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connection to the Internet site managed by the site manager (12), a first selection area (1003) triggering validation of all operations displayed in the first window (1001), and a second selection area (1002) canceling all these modifications.

14. System for remote management of at least one audiovisual information reproduction device according to claim 5, characterized in that a seventh selection button (307) triggers the display of a screen (1010) comprising at least one selection area (1010.1 to 1010.5) that can be used to activate or deactivate a particular function of the audiovisual information reproduction device (100.1 to 100.n, figure 1).

15. System for remote management of at least one audiovisual information reproduction device according to ~~one of claims 5 to 7~~, characterized in that an eighth button (308) in the toolbar (300) triggers the display of a screen that will be used to define a default basic configuration of all or some of the audiovisual information reproduction devices (100.1 to 100.n) managed by the operator.

16. System for remote management of at least one audiovisual information reproduction device according to ~~one of claims 1 to 8~~, characterized in that the second series of screens (700, 800) includes a screen (700) containing a first menu (701) in which the song category required by the operator is selected, a second menu (701) in which the style of the song required by the operator is selected, and a selection area (703) in which the operator validates his choice to trigger the display of a second screen (800) comprising a first window (801) displaying the list of songs in the first category and style chosen by the operator, and a second window (802)

displaying the list of songs selected by the operator in the list in the first window and a selection area (805) in which the operator validates his choice.

17. System for remote management of at least one audiovisual information reproduction device according to claim 16, characterized in that the list of displayed songs is collected in the database among the most frequently played songs on all the operator's jukeboxes or among the songs most frequently played on all jukeboxes managed by the server (10) or among the songs most frequently played on all jukeboxes installed in all branches belonging to the same determined category.

15 18. System for remote management of at least one
audiovisual information reproduction device according to
claim 9, characterized in that the second window (802)
also comprises the list of songs already memorized on the
audiovisual information reproduction device (100.1 to
20 100.n, figure 1).

19. System for remote management of at least one
audiovisual information reproduction device according to
~~claim 1~~
~~one of claims 1 to 10~~, characterized in that the third
series of screens comprises at least one screen
comprising a window displaying the list of songs played
by the audiovisual information reproduction device (100.1
to 100.n, figure 1), and the date on which each song was
played, and/or at least one screen comprising a window
indicating the date(s) on which the audiovisual
information reproduction device was switched off and/or
on, and a window indicating the date(s) on which a
communication between the audiovisual information
reproduction device and the host server was interrupted.

20. System for remote management of at least one audiovisual information reproduction device according to claim 9, characterized in that the system comprises a magnetic or optical recording system such that the songs
5 selected by the operator are recorded on a portable magnetic or optical medium, or a solid state electronic memory, preferably semi-conductor based.

21. System for remote management of at least one
10 audiovisual information reproduction device according to claim 12, characterized in that songs are encrypted and recorded on a portable magnetic or optical medium in a compressed format, the songs only being decompressed and decrypted when the song is played on an audiovisual
15 information reproduction device (100.1 to 100.n, figure 1).

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